

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
8 March 2001 (08.03.2001)

PCT

(10) International Publication Number  
**WO 01/15719 A2**

(51) International Patent Classification<sup>7</sup>: **A61K 38/00**

(21) International Application Number: **PCT/GB00/03282**

(22) International Filing Date: **24 August 2000 (24.08.2000)**

(25) Filing Language: **English**

(26) Publication Language: **English**

(30) Priority Data:  
**9920674.0 1 September 1999 (01.09.1999) GB**

(71) Applicant (for all designated States except US): **EVO-  
LUTEC LIMITED [GB/GB]; Magdalen Centre, Oxford  
Science Park, Oxford OX4 4GA (GB).**

(72) Inventors; and

(75) Inventors/Applicants (for US only): **NUTTALL, Patricia, Anne [GB/GB]; 1 Manor Farm, Culham, Oxon OX14  
4NP (GB). PAESEN, Guido, Christiaan [BE/GB]; Guy  
Court, Flat 2, 1 King Street, Jericho, Oxford OX2 6DB  
(GB).**

(74) Agents: **MERCER, Christopher, Paul et al.; Carpmaels  
& Ransford, 43 Bloomsbury Square, London WC1A 2RA  
(GB).**

(81) Designated States (national): **AE, AG, AL, AM, AT, AU,  
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,  
DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,  
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,  
NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM,  
TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.**

(84) Designated States (regional): **ARIPO patent (GH, GM,  
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian  
patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European  
patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE,  
IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG,  
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).**

**Published:**

— **Without international search report and to be republished  
upon receipt of that report.**

**For two-letter codes and other abbreviations, refer to the "Guid-  
ance Notes on Codes and Abbreviations" appearing at the begin-  
ning of each regular issue of the PCT Gazette.**

(54) Title: **TREATMENT OF CONJUNCTIVITIS**

(57) Abstract: **The present invention relates to the discovery that various proteins isolated from ticks are effective in the treatment of  
conjunctivitis. These proteins may most suitably be applied topically to an affected area and are effective to ameliorate the symptoms  
of this conditions.**

WO 01/15719 A2